

Certification No. 2054

This is to certify that the metering equipment identified as:

Type: KSM SECURITY METER EMULATOR
Mgmt. SAP = 1 is "4B534D30303030" (KSM00000)
Manufactured by: Korea Testing Certification

has successfully passed the DLMS/COSEM Conformance test, under the following conditions:

- CTT version: CTT 3.1 standard edition, 64bits, release 106
- Licensed to: 20160924_Korea_Testing_Certification_KOR (2016-09-24)
- COSEM object definitions file version: Object_defs_v3.3_released_180601.dat
- Media identifier(s): Abstract, Electricity

Tests	Comm. profile & opening mode	Application contexts	Security features	Date and time	Test Result hash value
Test 1	TCP	LONG_NAMES, LONG_NAMES_WITH_ CIPHERING	SERVICE_SPECIFIC_GLO _CIPHERING,SUITE_0	21-DEC-2018 10:10:41	2165D0A51E0E229ED25C81CD 4FFD799D23C77F3C885AAC94 D369B4D29DB14E08

The authenticity of the test report(s) has been verified by the DLMS User Association and the metering equipment identified above is listed on its web site at: www.dlms.com.

With this, the manufacturer is entitled to display the DLMS/COSEM Compliant mark – shown below – on its product duly identified and on its product literature.



The test reports are filed by the DLMS UA. Copies are available from the manufacturer.

This Certificate is only valid for the functions successfully tested; see the Summary. The test has been executed on one specimen of the product, as identified by the Management Logical Device Name reported. Results may not be applicable for other test specimens.

Date: Zug, the 22nd December 2018



Gyöző Kmethy
President

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Summary of features tested for Test 1

This section provides an overview of the features tested, aggregated over all logical devices and Application Associations in one test session. Full information is available in the Test Result.

```
*****
* Identification *
*****
```

```
Identification = {
  Manufacturer = "\Korea Testing Certification"
  FLAGid = "\KSM"
  Type = "\KSM SECURITY METER EMULATOR"
  IUTIsModule = FALSE
  SerialNr = "\00450000001"
}
```

```
*****
* Summary *
*****
```

TYPE	TOTAL	SKIPPED	INAPPLICABLE	INCONCLUSIVE	PASSED	FAILED
----	-----	-----	-----	-----	-----	-----
HDLC		All (Communication profile not HDLC)				
APPL	58	0	15	0	43	0
COSEM	82	0	2	0	80	0
SYMSEC	22	0	13	0	9	0
PUBSEC		All (No ciphered association with the required properties)				
DP	0	0	0	0	0	0
GBT		All (No association with the required properties)				

```
Communication profile:          TCP
Application context names:      LONG_NAMES, LONG_NAMES_WITH_CIPHERING
Authentication mechanisms:      NO_SECURITY, HIGH_LEVEL_SECURITY_GMAC
ACSE and xDLMS features:       ACTION, GET, RLRQ_RLRE, SET
Security features:              SERVICE_SPECIFIC_GLO_CIPHERING, SUITE_0
Data protection features:       (not collected)
Logical device(s) found:        SAP = 1 is "4B534D3030303030" (KSM00000)
                                SAP = 17 is "4B534D3030303031" (KSM00001)
COSEM classes tested:           1, 3, 4, 8, 15 (2), 17, 64
COSEM classes found but not tested: (none)
```